

## SUB SYSTEMS: SIMULTANEOUS SAMPLING, MULTIPLE TRACK HOLD

																		Model Designator				Temperature					
		Po <sub>req</sub>		Input Voltage		Conversion Rate		Accuracy or Linearity		Differential Linearity		Full Scale		Zero Error		Bipolar Zero Error		Voltage		Tristate	I/O	Range				# of Pins	Starting Price
MODEL	BITS	#	#	Min	+I <sub>cc</sub>	Range	KSPS	+25C	T <sub>max</sub>	+25C	T <sub>max</sub>	+25C	T <sub>max</sub>	+25C	T <sub>max</sub>	+25C	T <sub>max</sub>	INT	EXT	Latches	70C	85	85	125			
								Lsb's	Lsb's	Lsb's	Lsb's	Lsb's	Lsb's	Lsb's	Lsb's	Reference	Output										
<b>Single A/D's, Multiple Track &amp; Hold's</b>																											
<b>AD7777, With Dual Track and Hold</b>																											
AD7777	10	4	5	10/1	V <sub>b-Vsw</sub>	380	1	1	1	1	12	12	12	12			+2			P10	J	A		24	\$9.75		
<b>AD7778, With Dual Track and Hold</b>																											
AD7778	10	8	5	10/1	V <sub>b-Vsw</sub>	380	1	1	1	1	12	12	12	12			+2			P10	J	A		24	\$10.70		
<b>AD7861 (On Board 4 Track and Hold Amplifiers, 4x12 Output Register)</b>																											
AD7861	11	7	+5V	10	2.5V	200	2	2	2.5	2.5	13	13	9	9			+2.5V			P11		A		44	\$11.76		
<b>AD7874 (On Board 4 Track and Hold Amplifiers, 4x12 Output Register)</b>																											
AD7874	12	4	±5	18/12	±10	30	1	1	1	1	5	5	NS	NS	5	5	+3V			P12		A		28	\$30.80		
AD7874	12	4						1/2	1/2											B	T						\$38.50
AD7864	14	4	+5V	18	0>2.5 ±2.5,±10	285	1	1	1	1	4	4	3	3	4	4	+2.5V			P11		A		44	\$16.75		
AD7864	14	4						1/2	1/2			3	3			3	3										
<b>AD7862 &amp; AD7863 Duals</b>																											
AD7862	12	2	+5V	10	2.5V	200	1	1	1	1	4	4	4	4	4	4	+2.5V			P12		A		44	\$12.95		
AD7862	12	2									3	3	3	3	3	3				B							\$16.85
AD7863	14	2	+5V	15	2.5V	200	2	2	1	1	4	4	4	4	4	4	+2.5V			P14		A		44	\$18.00		
AD7863	14	2									3	3	3	3	3	3				B						tbd	
<b>Motion Control Co-Processor, w/4 T/H, 12 Bit Timer, PWM, Vector Transform Block</b>																											
ADMC200	11	4	+5V	20	+5V	200	±2	±2	±2	±2	±6	±6	±5	±5			+2.5V			P11		A		44	\$24.64		
<b>ADMC201, SAME AS THE ADMC200 BUT WITH 6 DIGITAL I/O Ports</b>																											
ADMC201	11	7	+5V	20	+5V	200	±2	±2	±2	±2	±6	±6	±5	±5			+2.5V			P11		A		44	\$33.95		
<b>DSP Based (ADSP2171) Motion Control Co-Processor, w/7 Single Slope 11 bit A/D, 12 Bit Timer, 12 bit PWM, 2 AUX 8 Bit PWM</b>																											
ADMC330	See D/S for details on this processor.																										\$29.75